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RECEIVED**JUL 11 2002****TECH CENTER 1600/2900**

1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/702,498A

DATE: 06/21/2002

TIME: 14:51:28

Input Set : A:\50026.025001.SEQLIST.TXT

Output Set: N:\CRF3\06212002\I702498A.raw

ENTERED

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4 <110> APPLICANT: Tokusumi, Tsuyoshi
5      Iida, Akihiro
6      Hasegawa, Mamoru
7      Nagai, Yoshiyuki
9 <120> TITLE OF INVENTION: Paramyxovirus vectors used for transfer
10    of foreign genes
12 <130> FILE REFERENCE: 50026/025001
14 <140> CURRENT APPLICATION NUMBER: US 09/702,498A
15 <141> CURRENT FILING DATE: 2000-10-31
17 <150> PRIOR APPLICATION NUMBER: JP 2000-152726
18 <151> PRIOR FILING DATE: 2000-05-18
20 <160> NUMBER OF SEQ ID NOS: 34
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 41
26 <212> TYPE: DNA
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
31    Sendai virus
33 <400> SEQUENCE: 1
34 ccaccgacca caccagcgg ccgcgacagc cacggcttcg g
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 41
38 <212> TYPE: DNA
39 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
42 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
43    Sendai virus
45 <400> SEQUENCE: 2
46 ccgaagccgt ggctgtcgcg gccgctgggt gtggtcgggt g
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 40
50 <212> TYPE: DNA
51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
55    Sendai virus
57 <400> SEQUENCE: 3
58 gaaatttcac ctaagcggcc gcaatggcag atatctatag
60 <210> SEQ ID NO: 4
61 <211> LENGTH: 40
62 <212> TYPE: DNA

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63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
67 Sendai virus
69 <400> SEQUENCE: 4
70 ctatagatat ctgccattgc ggccgcttag gtgaaatttc 40
72 <210> SEQ ID NO: 5
73 <211> LENGTH: 43
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
79 Sendai virus
81 <400> SEQUENCE: 5
82 gggataaagt cccttgccgc cgcttggttg caaaactctc ccc 43
84 <210> SEQ ID NO: 6
85 <211> LENGTH: 43
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
91 Sendai virus
93 <400> SEQUENCE: 6
94 ggggagagtt ttgcaaccaa gcggccgcaa gggactttat ccc 43
96 <210> SEQ ID NO: 7
97 <211> LENGTH: 47
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
103 Sendai virus
105 <400> SEQUENCE: 7
106 ggtcgcgcgg tacttttagcg gccgcctcaa acaagcacag atcatgg 47
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 47
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
115 Sendai virus
117 <400> SEQUENCE: 8
118 ccatgatctg tgcttgtttg aggcggccgc taaagtaccg cgcgacc 47
120 <210> SEQ ID NO: 9
121 <211> LENGTH: 44
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
127 Sendai virus

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130 cctgcccacatc catgacctag cggccgcttc ccattcaccc tggg          44
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133 <211> LENGTH: 44
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
139     Sendai virus
141 <400> SEQUENCE: 10
142 cccaggggtga atgggaagcg gccgctaggt catggatggg cagg          44
144 <210> SEQ ID NO: 11
145 <211> LENGTH: 40
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Artificially synthesized sequence derived from
151     human secreted alkaline phosphatase
153 <400> SEQUENCE: 11
154 gcggcgcgcc atgtctgtgc tgctgctgct gctgggcctg          40
156 <210> SEQ ID NO: 12
157 <211> LENGTH: 40
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Artificially synthesized sequence derived from
163     human secreted alkaline phosphatase
165 <400> SEQUENCE: 12
166 gcggcgcgcc cttatcatgt ctgctogaag cggccggccg          40
168 <210> SEQ ID NO: 13
169 <211> LENGTH: 74
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Artificially synthesized sequence containing a
175     multicloning site
177 <400> SEQUENCE: 13
178 gcggccgcgt ttaaagcgcg cgccatttaa atccgtagta agaaaaactt agggtgaaaag 60
179 ttcacgcgcg cgcg          74
181 <210> SEQ ID NO: 14
182 <211> LENGTH: 74
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Artificially synthesized sequence containing a
188     multicloning site
190 <400> SEQUENCE: 14
191 gcggccgcga tgaactttca ccctaagttt ttcttactac ggatttaa at ggcgcgccgt 60
192 ttaaagcgcg cgcg          74

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194 <210> SEQ ID NO: 15
195 <211> LENGTH: 40
196 <212> TYPE: DNA
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199 <220> FEATURE:
200 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
201 directed mutagenesis of the Sendai virus
203 <400> SEQUENCE: 15
204 ggagaagtct caacaccgtc caccgaagat aatcgatcag 40
206 <210> SEQ ID NO: 16
207 <211> LENGTH: 40
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
213 directed mutagenesis of the Sendai virus
215 <400> SEQUENCE: 16
216 ctgatcgatt atcttgggtg gacggtgttg agacttctcc 40
218 <210> SEQ ID NO: 17
219 <211> LENGTH: 38
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
225 directed mutagenesis of the Sendai virus
227 <400> SEQUENCE: 17
228 gtatatgtgt tcagttgagc ttgctgtcgg tctaaggc 38
230 <210> SEQ ID NO: 18
231 <211> LENGTH: 38
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
237 directed mutagenesis of the Sendai virus
239 <400> SEQUENCE: 18
240 gccttagacc gacagcaagc tcaactgaac acatatac 38
242 <210> SEQ ID NO: 19
243 <211> LENGTH: 45
244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
249 directed mutagenesis of the Sendai virus
251 <400> SEQUENCE: 19
252 caatgaactc tctagagagg ctggagtcac taaagagtta cctgg 45
254 <210> SEQ ID NO: 20
255 <211> LENGTH: 45
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence

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259 <220> FEATURE:
260 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
261     directed mutagenesis of the Sendai virus
263 <400> SEQUENCE: 20
264 ccaggtaact ctttagtgac tccagcctct ctagagagtt cattg           45
266 <210> SEQ ID NO: 21
267 <211> LENGTH: 52
268 <212> TYPE: DNA
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
272 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
273     directed mutagenesis of the Sendai virus
275 <400> SEQUENCE: 21
276 gtgaaagttc atccaccgat cggctcactc gaggccacac ccaaccccac cg           52
278 <210> SEQ ID NO: 22
279 <211> LENGTH: 52
280 <212> TYPE: DNA
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
285     directed mutagenesis of the Sendai virus
287 <400> SEQUENCE: 22
288 cggtgggggtt ggggtgtggcc tgcagtgagc cgatcggtgg atgaactttc ac           52
290 <210> SEQ ID NO: 23
291 <211> LENGTH: 47
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
297     directed mutagenesis of the Sendai virus
299 <400> SEQUENCE: 23
300 cttagggtga aagaaatttc agctagcacg gcgcaatggc agatatac           47
302 <210> SEQ ID NO: 24
303 <211> LENGTH: 47
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
309     directed mutagenesis of the Sendai virus
311 <400> SEQUENCE: 24
312 gatatactgcc attgcgccgt gctagctgaa atttctttca ccctaag           47
314 <210> SEQ ID NO: 25
315 <211> LENGTH: 47
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
321     directed mutagenesis of the Sendai virus
323 <400> SEQUENCE: 25

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VERIFICATION SUMMARY

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